Variable Importance with Regularization

regularization: elnet
AUC: 85 %

variebale importance sorted by mean

0.6
0.4
0.2
0.0
-0.2
-0.4
-0.6

m_beta_value
p_H3K36me3
m_H3K79me2
p_H3K27ac
p_H3K79me2
p_H3K4me2
m_H2AZ
m_H3K36me3
m_H3K4me2
p_H2AZ
m_H3K27me3
m_H3K4me3
m_H3K4me1
p_H4K20me1
m_H3K27ac
m_H4K20me1
p_H3K9me3
p_H3K4me1
m_H3K9me3
m_H3K9ac
p_H3K9ac
p_H3K4me3
p_H3K27me3
p_beta_value

Variable Importance with Regularization and 5 fold CV

regularization: elnet
AUC: 85 %

mean of coefficients

0.6
0.4
0.2
0.0
-0.2
-0.4
-0.6

m_beta_value
p_H3K36me3
m_H3K79me2
p_H3K27ac
p_H3K79me2
p_H3K4me2
m_H2AZ
m_H3K36me3
m_H3K4me2
p_H2AZ
p_H3K4me1
m_H3K9me3
m_H3K9ac
p_H3K9ac
p_H3K4me3
p_H3K27me3
p_beta_value